## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	863	29/603.07,603.11,603.13-603.16, 603.8.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/03/21 14:10
S2	6145	360/122-127,317.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/03/21 14:10
S3	5306	427/127,128.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/03/21:14:10
S4	3518	451/5,41.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/03/21 14:10
S5	14	(("6333841") or ("6483662") or ("6490126") or ("5982568") or ("5654847") or ("5936812") or ("5982568") or ("5208716")).PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/03/21 14:18
S6	15	(magnetic adj head) and ((insulat\$3 adj (film or layer)) with (magnetic adj layer) with planariz\$4)	USPAT; JPO; DERWENT	OR	ON	2005/03/21 14:24
S7	7	S1 and S6	USPAT; JPO; DERWENT	OR	ON	2005/03/21 14:20
S9	8	("5259583"   "5438747"   "5668689"   "6018862"   "6043959"   "6118629"   "6188544"   "6226149").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/21 14:21
S10	44	((insulat\$3 adj (film or layer)) same (magnetic adj layer) same planariz\$4)	USPAT; JPO; DERWENT	OR	ON	2005/03/21 14:32
S11	17	S2 and S10	USPAT; JPO; DERWENT	OR	ON	2005/03/21 14:24
S13	2.	S4 and S10	USPAT; JPO; DERWENT	OR	ON	2005/03/21 14:27
S14	19	("5325254"   "5438747"   "5691867"   "5793578"   "5805391"   "5996213"   "6018862"   "6043959"   "6118629"   "6122144"   "6130809"   "6137652"   "6151193"   "6154346"   "6154347"   "6172848"   "6317288"   "6330127"   "6419845").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/21 14:28

## **EAST Search History**

S15	30	(coil adj pattern) with (connect\$3 adj pattern)	USPAT; JPO; DERWENT	OR	ON	2005/03/21 14:33
S16	2	(coil adj pattern) with (connect\$3 adj pattern) with (magnetic adj layer)	USPAT; JPO; DERWENT	OR	ON	2005/03/21 14:33
S17	2	("4966648"   "5966800").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/21 14:36
S22	674	planariz\$5 same (insulat\$3 adj (film or layer)) same coil	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/21 14:40
S23	36	planariz\$5 same (insulat\$3 adj (film or layer)) same coil same (magnetic adj layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/21 14:41
S25	1	planariz\$5 same (insulat\$3 adj (film or layer)) same coil same (magnetic adj layer)	JPO	OR	ON	2005/03/21 14:42
S29	0	JP-1193469-\$.did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/27 10:29
S30	2	JP-10193469-\$.did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/27 10:25
S31	7	"1193469"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/27 10:27
S32	2	orihara-shuji.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/27 10:27
S33	2	JP-03058308-\$.did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/27 10:30
S34	1	JP-06084141-\$.did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/27 10:31
S35	2	JP-09212819-\$.did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/27 11:01

## **EAST Search History**

S36	24	(("6504678") or ("6483664") or ("6466404") or ("6466401") or ("6430003") or ("6226149") or ("6130809") or ("6091582") or ("6032353") or ("5245493") or	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	OFF	2006/02/27 11:02
S37		("4878290")).PN. ("6195872"):PN.	USPAT;	OR	OFF	2006/02/27 11:35

2/27/06 3:20:35 PM Page 3 C:\Documents and Settings\pkim1\My Documents\EAST\Workspaces\10630398 - thin film magnetic head planarization.wsp



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1. Monte Carlo simulation of thin film head read-write performance

Williams, E.M.;

Magnetics, IEEE Transactions on

Volume 26, Issue 6, Nov. 1990 Page(s):3022 - 3026

Digital Object Identifier 10.1109/20.102884

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2. 2 GBits/in<sup>2</sup> dual stripe MR heads

Shi, X.; Ju, K.; Hagen, J.; Lin, C.L.; Han, C.C.; Chen, M.M.; Chang, J.W.; Wang

Magnetics, IEEE Transactions on

Volume 33, Issue 5, Part 1, Sept. 1997 Page(s):2896 - 2898

Digital Object Identifier 10.1109/20.617790

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